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**ELAND[®]
CABLES**

FLR5Y-A Cable



Eland Product Group:

APPLICATION

The FLR5Y-A Cable is a PTFE insulated low-tension automotive wire used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits. Offers excellent resistance to oils, fuels, breaking fluids, acids, lyes and organic media. Heat resistant.

CHARACTERISTICS

Temperature Rating

-40°C to +260°C

CONSTRUCTION

Conductor

Silver Plated Copper (Type A)

Insulation

PTFE (Polytetrafluoroethylene)

Sheath Colour

● Blue

DIMENSIONS

ELAND PART NUMBER	NUMBER OF CORES	NOMINAL CROSS-SECTION mm	NOMINAL NO. AND DIAMETER OF WIRES No/mm	MAXIMUM DIAMETER OF CONDUCTOR mm	NOMINAL ELECTRICAL RESISTANCE AT 20°C MAX mΩ/m	NOMINAL INSULATION THICKNESS mm	NOMINAL OVERALL DIAMETER (MIN) mm	NOMINAL OVERALL DIAMETER (MAX) mm	NOMINAL WEIGHT kg/km
A2AT016000022**	1	0.22	7/0.21	0.7	87.9	0.20	1.1	1.2	3
A2AT016000035**	1	0.35	7/0.27	0.8	56.8	0.20	1.25	1.35	5
A2AT01600005**	1	0.5	19/0.19	1.0	38.6	0.22	1.4	1.6	6
A2AT01600075**	1	0.75	19/0.24	1.2	25.7	0.24	1.7	1.9	10
A2AT0160010**	1	1.00	19/0.27	1.35	19.3	0.24	1.75	1.95	11
A2AT0160015**	1	1.5	19/0.33	1.7	13.2	0.24	2.1	2.3	17
A2AT0160025**	1	2.5	19/0.41	2.2	7.92	0.28	2.5	2.8	25

STANDARDS

ISO 6722 Class H

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.

